LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032219\
Data File : BF113246.D
Acq On : 22 Mar 2019 20:42
Operator : JU/SJ
Sample : K2004-12 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-23(4-5)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.322	547	550	563	rBV	734612	852155	72.64%	5.716%
2	6.357	722	726	744	rBV	957694	1000169	85.26%	6.709%
3	6.487	744	748	758	rVV	1029013	956008	81.49%	6.412%
4	6.716	783	787	798	rBV	867607	841783	71.76%	5.646%
5	6.869	809	813	829	rVB	856626	728875	62.13%	4.889%
6	7.269	878	881	888	rBV	522024	551746	47.03%	3.701%
7	7.998	1001	1005	1020	rBV	1030570	1109948	94.62%	7.445%
8	9.069	1184	1187	1199	rBV	994789	959361	81.78%	6.435%
9	9.469	1251	1255	1261	rBV	64277	64631	5.51%	0.434%
10	9.745	1298	1302	1310	rBV	1127982	1131144	96.42%	7.587%
11	10.533	1432	1436	1445	rBV	612369	593915	50.63%	3.984%
12	10.657	1454	1457	1467	rVB3	15626	22013	1.88%	0.148%
13	11.104	1530	1533	1538	rBV	17051	16631	1.42%	0.112%
14	11.227	1550	1554	1562	rBV	1061582	1020774	87.02%	6.847%
15	11.533	1603	1606	1608	rBV	17169	15328	1.31%	0.103%
16	11.733	1637	1640	1642	rBV	12495	14479	1.23%	0.097%
17	11.763	1642	1645	1652	rVV	93900	108356	9.24%	0.727%
18	11.869	1661	1663	1668	rVB5	12236	12634	1.08%	0.085%
19	11.939	1670	1675	1683	rVV2	25139	31800	2.71%	0.213%
20	12.280	1730	1733	1735	rBV	18462	19924	1.70%	0.134%
21	12.322	1737	1740	1744	rVB3	32706	37077	3.16%	0.249%
22	12.439	1757	1760	1762	rBV	55920	57715	4.92%	0.387%
23	12.545	1775	1778	1785	rBV6	42767	70484	6.01%	0.473%
24	12.663	1794	1798	1801	rBV	82717	78758	6.71%	0.528%
25	12.692	1801	1803	1806	rVV	44586	37373	3.19%	0.251%
26	12.727	1806	1809	1812	rVB3	14028	17344	1.48%	0.116%
27	12.804	1819	1822	1832	rVB	881323	806773	68.77%	5.411%
28	12.886	1832	1836	1843	rBV6	15997	37657	3.21%	0.253%
29	12.945	1843	1846	1849	rBV3	20007	27668	2.36%	0.186%
30	13.051	1861	1864	1867	rVB	45582	41137	3.51%	0.276%
31	13.098	1868	1872	1876	rVB	42589	50678	4.32%	0.340%
32	13.392	1919	1922	1924	rBV	55589	51368	4.38%	0.345%
33	13.498	1937	1940	1945	rBV	36939	39598	3.38%	0.266%
34	13.716	1974	1977	1986	rBV4	63684	103578	8.83%	0.695%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032219\
Data File : BF113246.D
Acq On : 22 Mar 2019 20:42
Operator : JU/SJ
Sample : K2004-12 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-23(4-5)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.857	1996	2001	2004	rBV	1160917	1173095	100.00%	7.869%
36	13.945	2014	2016	2018	rBV3	22005	18312	1.56%	0.123%
37	14.033	2028	2031	2035	rVB2	79379	86423	7.37%	0.580%
38	14.210	2058	2061	2062	rBV	40219	36664	3.13%	0.246%
39	14.245	2062	2067	2070	rVV	128693	162763	13.87%	1.092%
40	14.280	2070	2073	2075	rVB	81373	83460	7.11%	0.560%
41	14.333	2080	2082	2085	rVB2	84109	79607	6.79%	0.534%
42	14.627	2129	2132	2135	rBV2	98575	114592	9.77%	0.769%
43	14.868	2170	2173	2180	rVV	110072	147656	12.59%	0.990%
44	14.945	2183	2186	2194	rVB3	86215	114900	9.79%	0.771%
45	15.151	2218	2221	2227	rVB	132717	154205	13.15%	1.034%
46	15.210	2227	2231	2236	rVB	120490	161768	13.79%	1.085%
47	15.268	2236	2241	2245	rBV	877286	1066253	90.89%	7.152%

Sum of corrected areas: 14908580

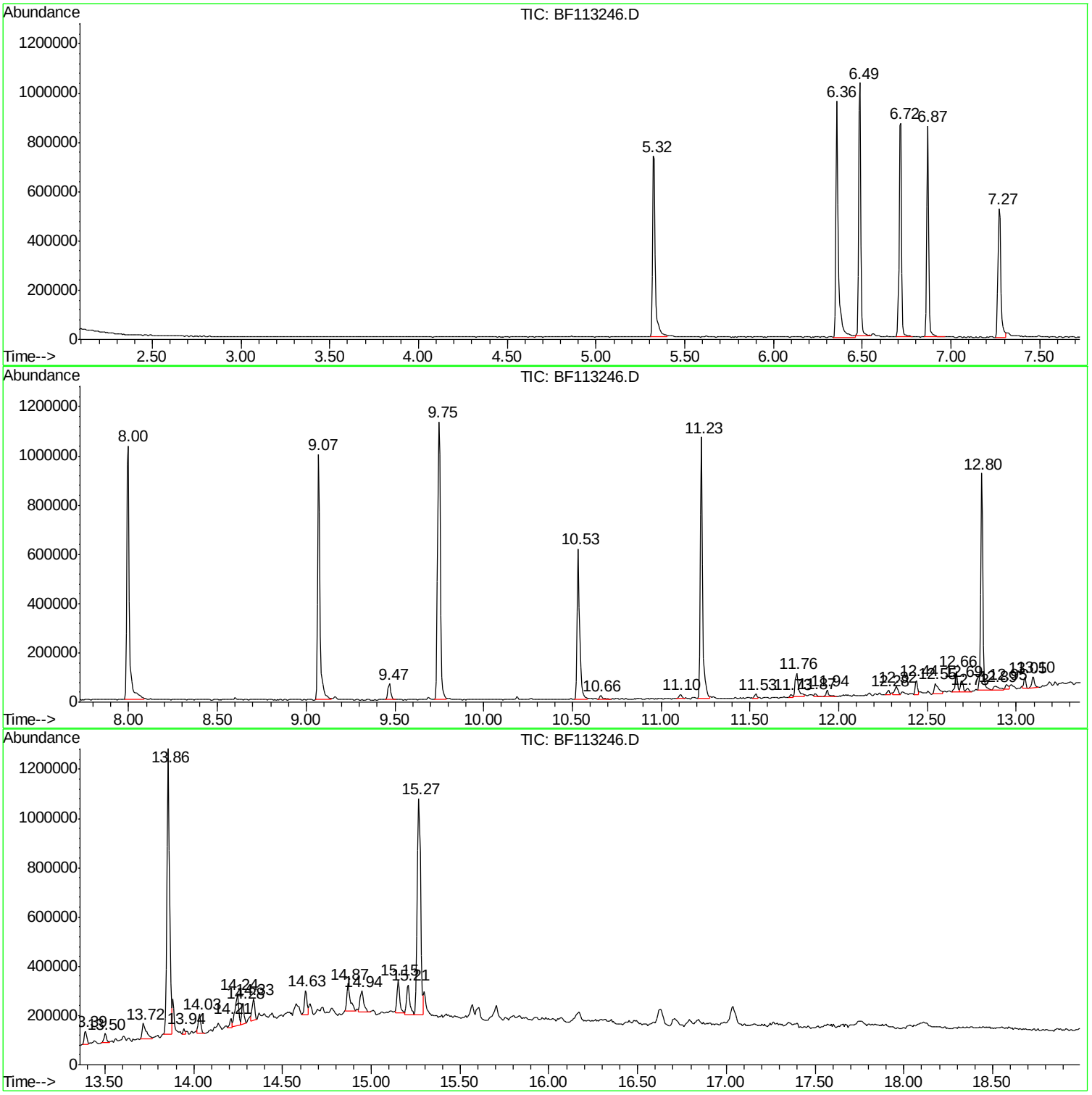
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032219\
Data File : BF113246.D
Acq On : 22 Mar 2019 20:42
Operator : JU/SJ
Sample : K2004-12 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-23(4-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032219\
Data File : BF113246.D
Acq On : 22 Mar 2019 20:42
Operator : JU/SJ
Sample : K2004-12 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-23(4-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

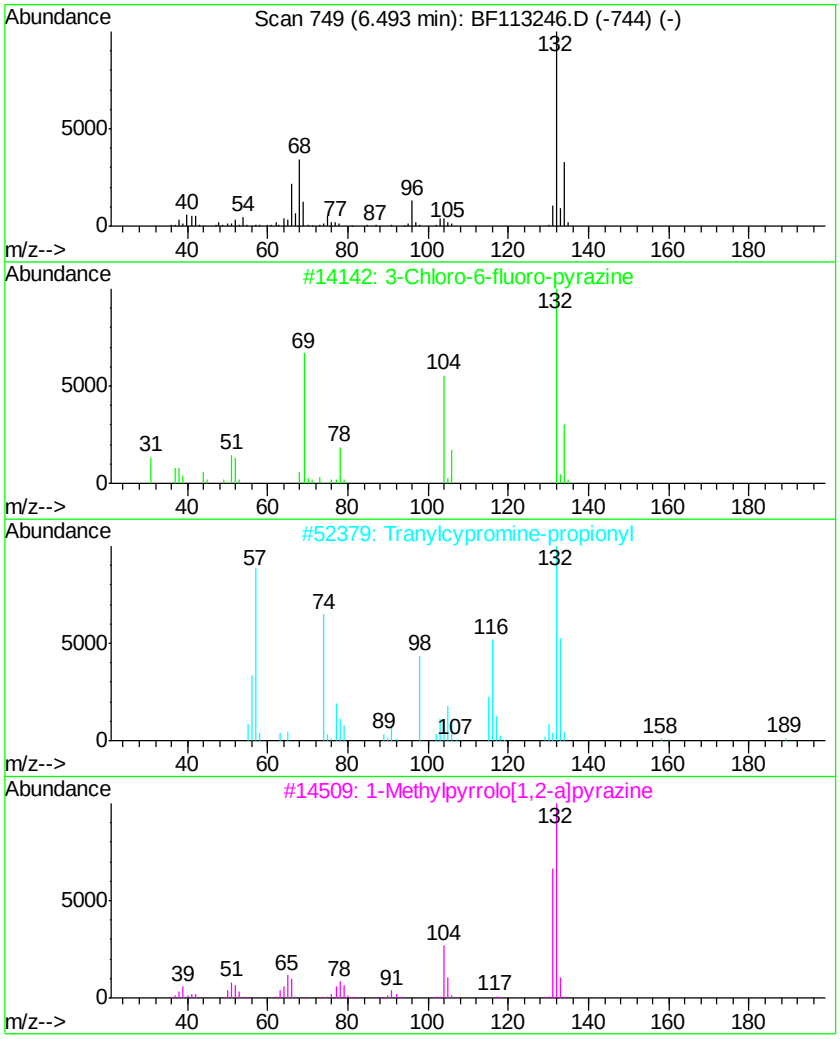
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

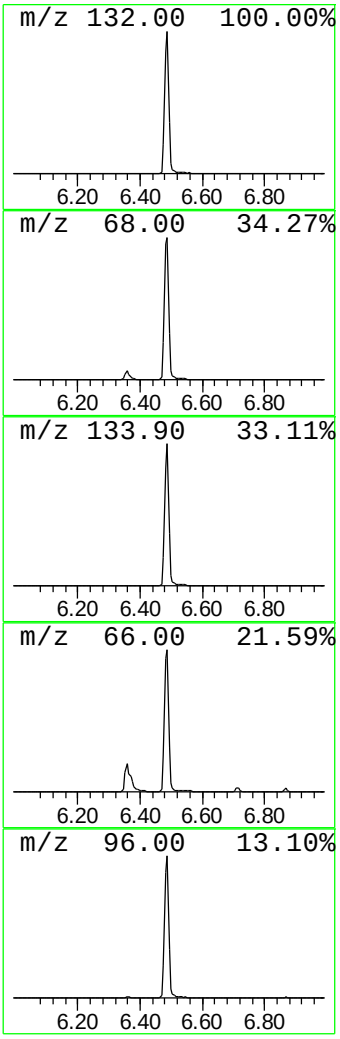
****

Peak Number 1 unknown6.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	22.71 ng	956008	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032219\
Data File : BF113246.D
Acq On : 22 Mar 2019 20:42
Operator : JU/SJ
Sample : K2004-12 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-23(4-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

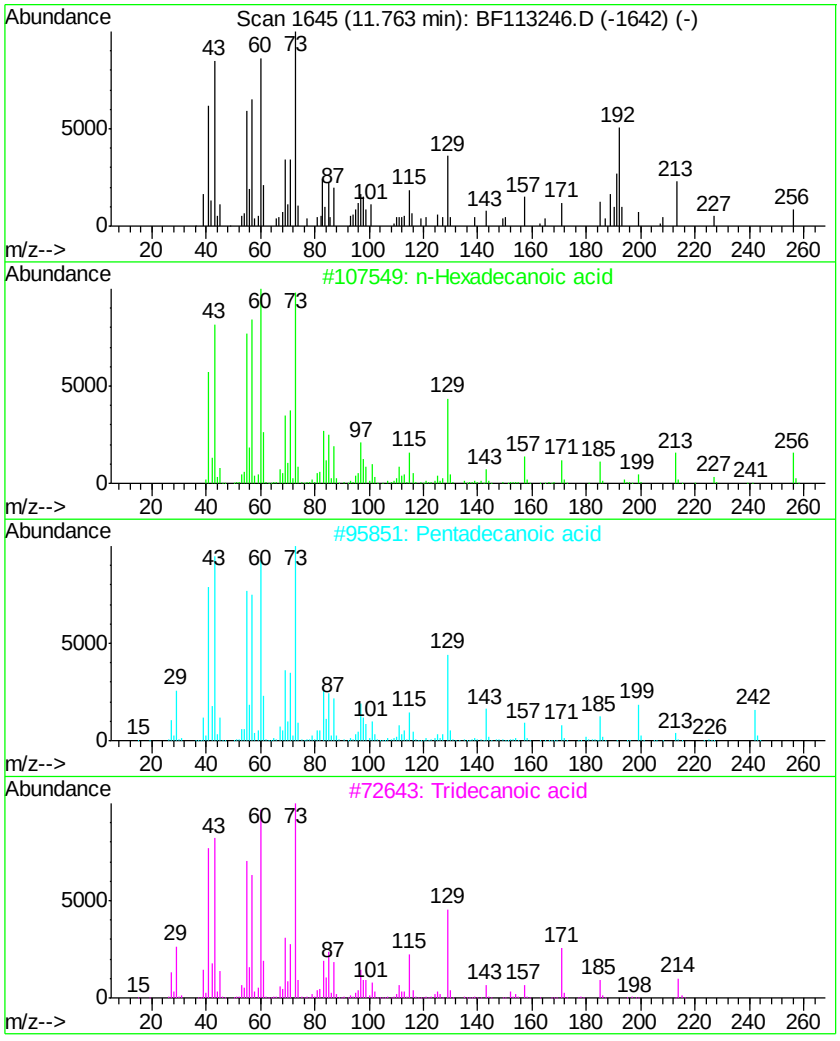
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

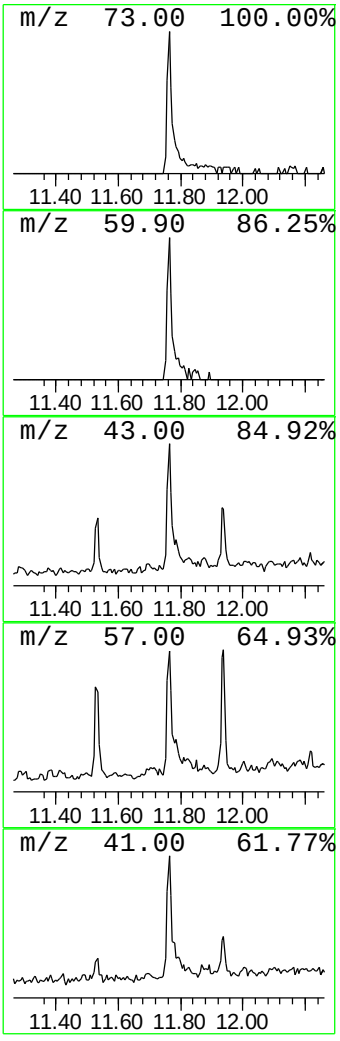
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	2.12 ng	108356	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
3	Tridecanoic acid	214	C13H26O2	000638-53-9	58
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5	Dodecanoic acid	200	C12H24O2	000143-07-7	52





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032219\
Data File : BF113246.D
Acq On : 22 Mar 2019 20:42
Operator : JU/SJ
Sample : K2004-12 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-23(4-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

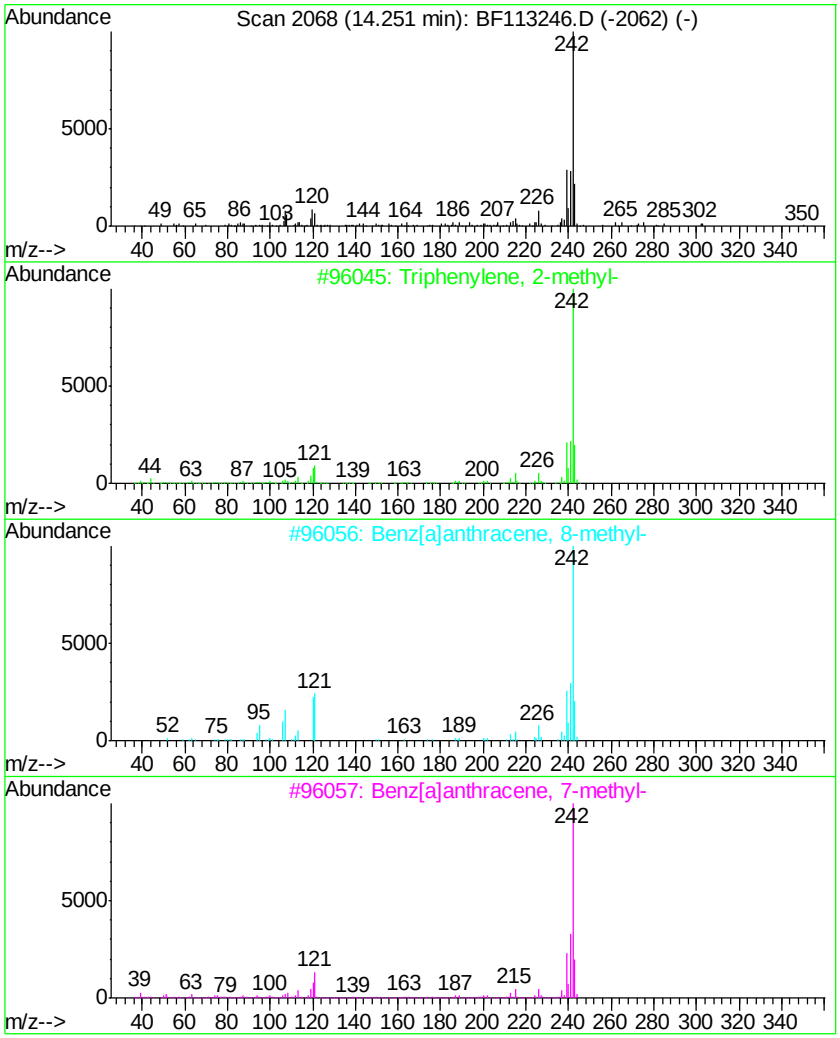
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

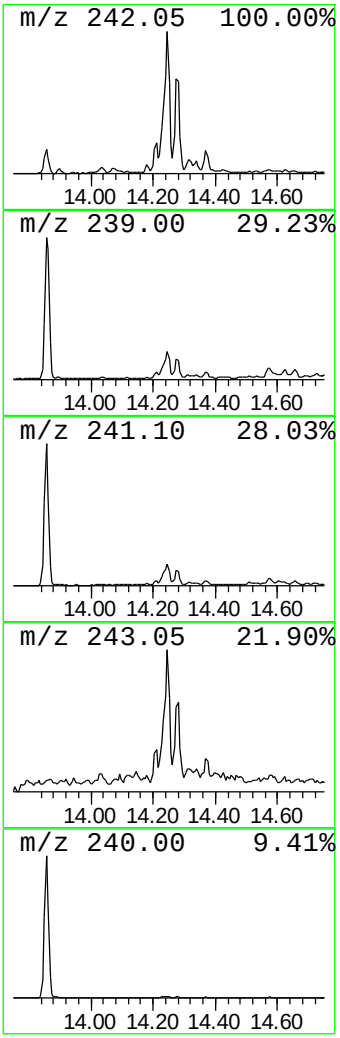
****

Peak Number 4 Triphenylene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.25	2.77 ng	162763	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	95
2	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	94
3	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	90
4	Chrysene, 3-methyl-	242	C19H14	003351-31-3	89
5	Benz[a]anthracene, 11-methyl-	242	C19H14	006111-78-0	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032219\
Data File : BF113246.D
Acq On : 22 Mar 2019 20:42
Operator : JU/SJ
Sample : K2004-12 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-23(4-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

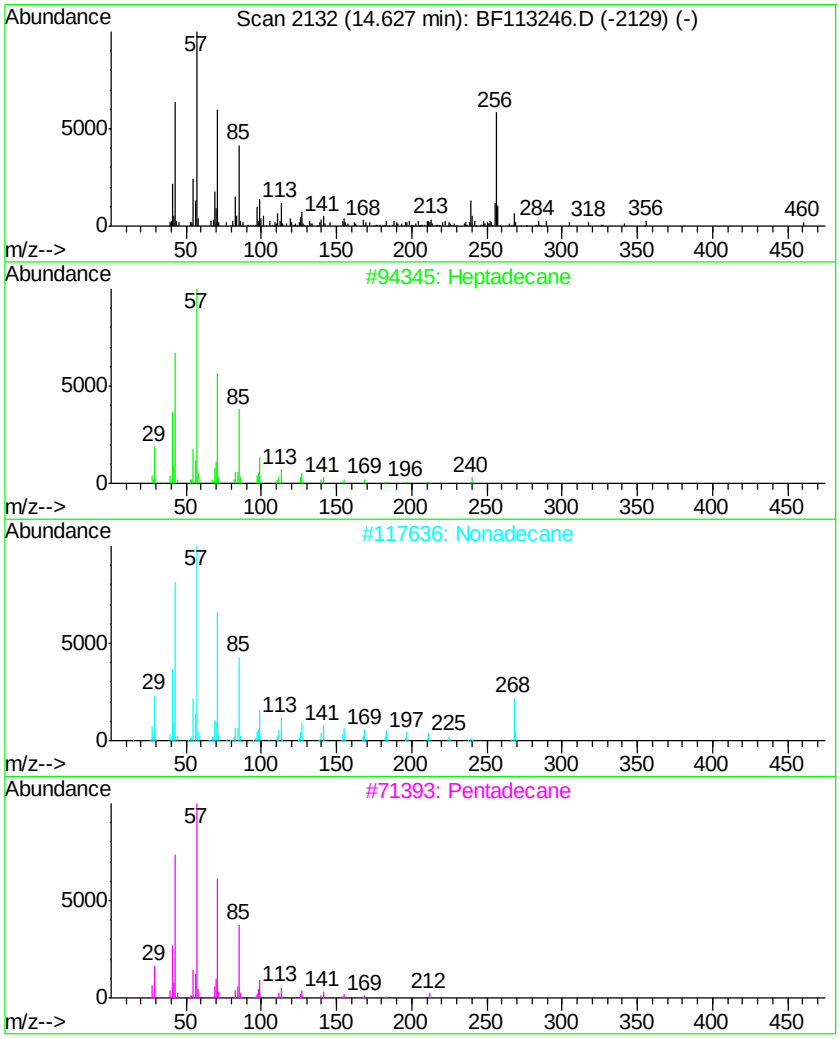
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

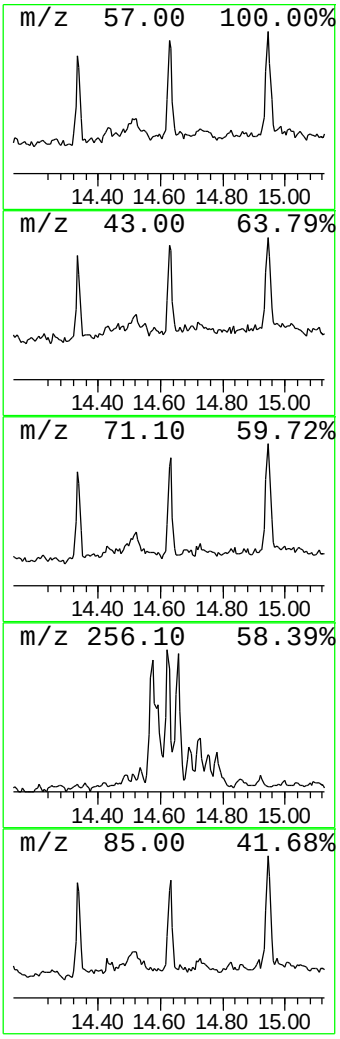
****

Peak Number 5 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.63	2.15 ng	114592	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	87
2	Nonadecane	268	C19H40	000629-92-5	80
3	Pentadecane	212	C15H32	000629-62-9	64
4	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	64
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032219\
Data File : BF113246.D
Acq On : 22 Mar 2019 20:42
Operator : JU/SJ
Sample : K2004-12 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-23(4-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

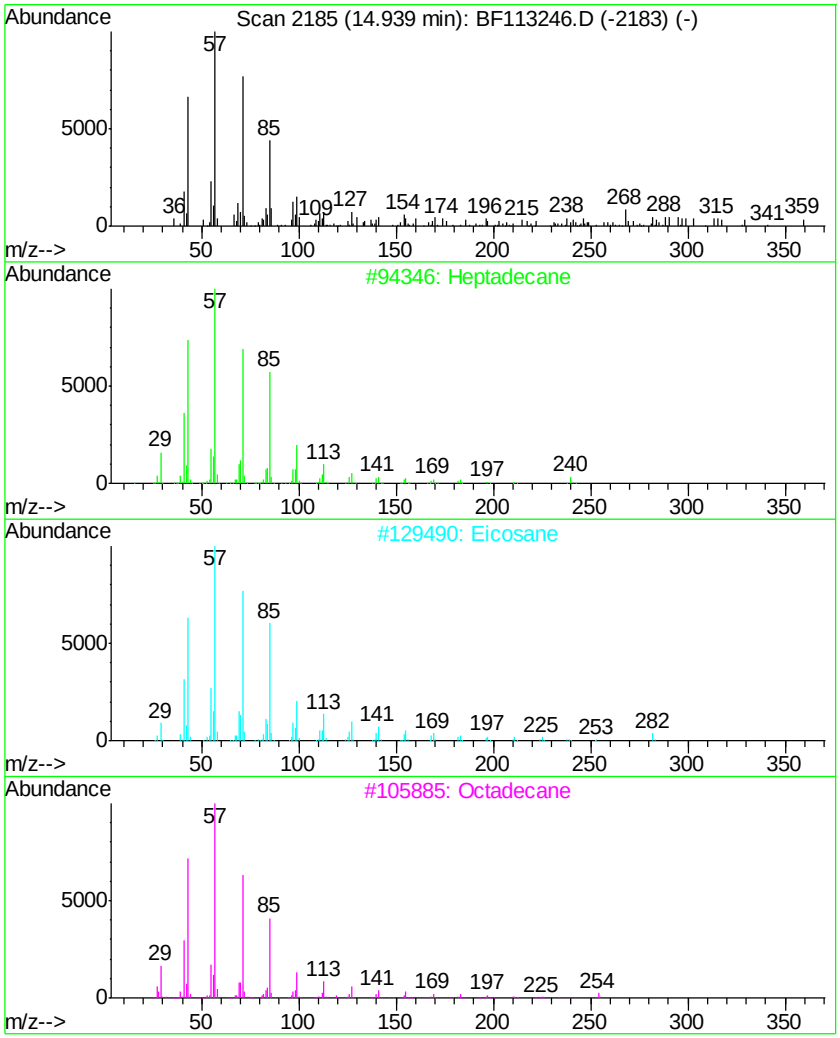
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

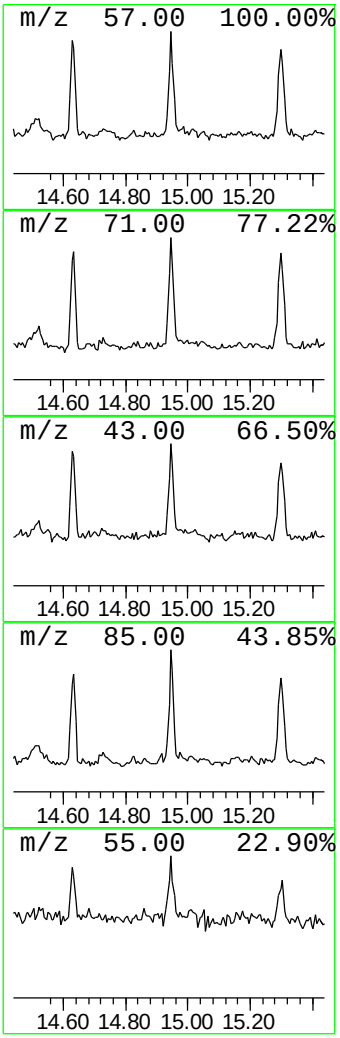
****

Peak Number 6 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.94	2.16 ng	114900	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Eicosane	282	C20H42	000112-95-8	91
3	Octadecane	254	C18H38	000593-45-3	91
4	Nonadecane	268	C19H40	000629-92-5	91
5	Pentacosane	352	C25H52	000629-99-2	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032219\
Data File : BF113246.D
Acq On : 22 Mar 2019 20:42
Operator : JU/SJ
Sample : K2004-12 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-23(4-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

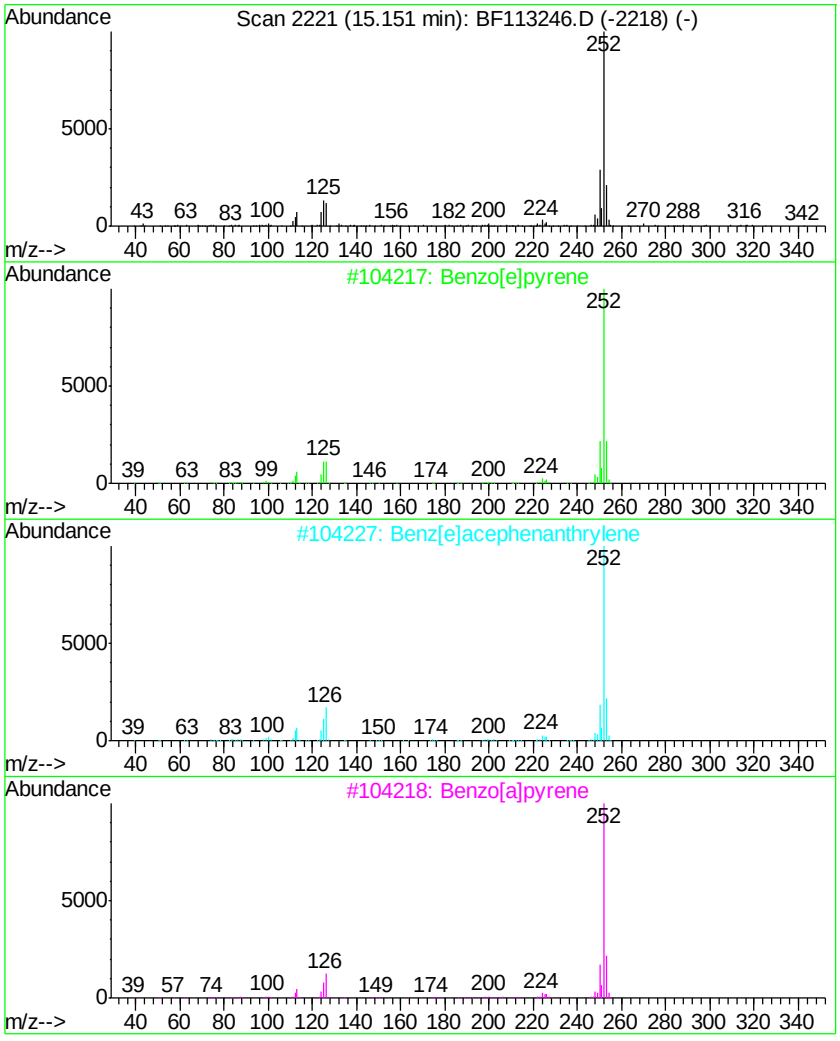
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

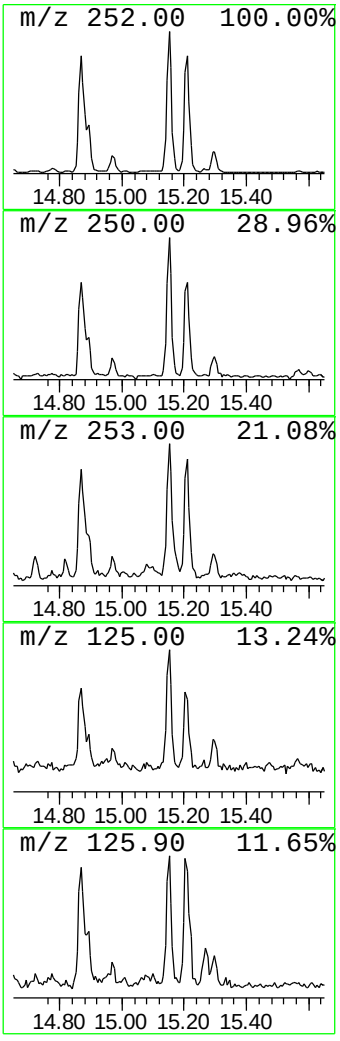
****

Peak Number 7 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.15	2.89 ng	154205	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	98
3	Benzo[a]pyrene	252	C20H12	000050-32-8	96
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
5	Perylene	252	C20H12	000198-55-0	95





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032219\
Data File : BF113246.D
Acq On : 22 Mar 2019 20:42
Operator : JU/SJ
Sample : K2004-12 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-23(4-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.49	6.49	22.7	ng	956008	1	6.72	841783	20.0
n-Hexadecanoic acid	11.76	2.1	ng	108356	4	11.23	1020770	20.0
Triphenylene, 2-m...	14.25	2.8	ng	162763	5	13.86	1173100	20.0
Heptadecane	14.63	2.1	ng	114592	6	15.27	1066250	20.0
Eicosane	14.94	2.2	ng	114900	6	15.27	1066250	20.0
Benzo[e]pyrene	15.15	2.9	ng	154205	6	15.27	1066250	20.0